
**BIFOCAL CARDIAC STIMULATION DEVICE
AND METHODS**

ABSTRACT

A cardiac stimulation system for implantation in a patient is disclosed. The cardiac stimulation system comprises first and second electrodes configured for positioning in a bifocal arrangement. A first lead system is adapted for carrying the first and second electrodes in the right ventricle in accordance with the bifocal arrangement and along the high basal region of the heart proximate the septum. A third electrode is adapted for positioning outside the right ventricle. The system further comprises a power supply and a controller. The controller is coupled to the power supply and operates to activate the first, second and third electrodes to deliver pulse therapy to the heart according to predetermined criteria.